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Mail Stop AF TRANSMITTAL FORM <i>(To be used for all correspondence after initial filing)</i>	Application Number	10/792,180
	Filing Date	March 3, 2004
	Confirmation Number	4931
	Inventor(s)	RUSSELL
	Group Art Unit	2878
Express Mail Label No.: EL 997383923 US	Examiner	Taninaco, M.
Total Number of Pages in This Submission: 10	Attorney Docket No.	02-68

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<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer(s)	<input type="checkbox"/> Request for Refund
<input type="checkbox"/> Form PTO-1449	<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Response to Missing Parts / Incomplete Application
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Current Due Date: May 6, 2006	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Individual and Company	Michael W. Haas, Reg. No. 35,174 RESPIRONICS, Inc., 1010 Murry Ridge Lane, Murrysville PA, 15668
Signature	<i>Michael W. Haas</i>
Date	May 5, 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Inventor : RUSSELL
Appln. No. : 10/792,180
Conf. No.: : 4931
Filed: : March 3, 2004
Title: : IMPROVED OPTICAL SYSTEM FOR A GAS
MEASUREMENT SYSTEM

Group Art Unit : 2878
Examiner : Taninaco, M.
Docket No. : 02-68

* * * * *

May 5, 2006

AMENDMENT AFTER FINAL UNDER 37 C.F.R. § 1.116

Hon. Commissioner of Patents
and Trademarks
Alexandria, VA 22313-1504

Sir:

INTRODUCTORY REMARKS

In response to the Final Official Action dated February 6, 2006, please enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of the claims, which begin on page 2 of this paper.

Remarks begin on page 6 of this paper.

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Michael W. Haas

Michael W. Haas, Reg. No. 35,174